

# CATALONIA BAVORO HOTEL ADOPTS SUSTAINABLE TECHNOLOGY FOR COMFORT COOLING



Today, in hospitality industry, delivering just the basics of a comfortable room or a clean suite is not sufficient to meet customer satisfaction. Walking an extra mile to provide a top-notch experience ensures customer delight. It is no more a surprise that customer experience is a defining characteristic for successful organisations.

Hotels need to make a memorable impression for guests to first choose that property, then come back time and again – Catalonia Bavaro Hotel in Dominican Republic is one such finest five-star properties in the country. Being a Caribbean nation, the property is blessed with exclusive beaches of fine white sand, crystal clear seawater, palm trees along the coastline, lush vegetation around the entire complex and coral reefs. Along with the scenic view, the hotel also offers excellent customer service.

In order to enable a comfortable and great stay experience in a hotel, maintaining a seamless air conditioning is essential. However, refrigeration is one of the world's greatly overlooked industries which has a huge impact on the environment due to emissions of harmful refrigerants like CFC and HFC. These refrigerants have also drawn criticism for their social, sustainability and emission impacts. Reducing these impacts and also contributing to the environment, Catalonia Bavaro adopted Thermax's energy-efficient chiller to provide air conditioning to the entire hotel.



Thermax recently commissioned a 410 TR low temperature hot water driven vapour absorption chiller at the hotel. The chiller is utilising the hot water, as heat source, generated by the natural gas-powered engines. The chiller produces chilled water at 7°C which is used for air conditioning of the hotel.

Talking about the commissioning, Felipe Magazoni, Service Engineer of Thermax Limited says, "We are extremely proud of completing the commissioning in just 5 days. However, this wouldn't have been possible without the customer's support and site readiness."

Using Thermax's energy-efficient chiller, the hotel is saving about 300,000.00 kWh/month of electricity and is reducing carbon emissions by 207.75 tonnes/month. Catalonia Bavaro Hotel is a classic example of enhancing customer experience yet significantly contributing to the environment.

Energy efficient technology to keep people cool – without frying the planet!